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The University of Montana

NEWS RELEASE

University Communications
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Oct. 26, 1994

PEOPLE IN EDUCATION -- THE UNIVERSITY OF MONTANA

Forestry Professor Darius Adams will apply computer models of the North American timber industry and forest base to support the Forest Service's national timber assessment program, and he will test and extend a computer model of U.S. agricultural and forest sectors under various tree planting policy scenarios designed to sequester atmospheric carbon, using \$74,601 from the U.S. Forest Service Pacific Northwest Research Station.

An additional \$191,497 grant from the National Science Foundation, passed through Montana State University, will allow College of Arts and Sciences Associate Dean David Bilderback to continue to improve the preparation of Montana mathematics and science teachers and to develop a model curriculum for rural areas with significant minority populations. Bilderback will also manage \$500 from Bitterroot Native Growers, Inc., in a collaborative research effort.

Ray Carlisle, director of the Educational Opportunity Program, will use a \$244,426 grant from the U.S. Department of Education to conduct the student support services program for the coming year.

Using \$39,378 from the Montana Department of Family Services, psychology assistant professor Christine Fiore will evaluate the effectiveness of the Montana Independent Living Program and train graduate students, who will in turn train community mentors to help adolescents develop life skills for adulthood.

Anthropology Chair and Associate Professor Thomas Foor will use \$39,697 from the Bureau

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of Land Management to train an artifact repository curator of collections.

School of Business Administration Dean Larry Gianchetta will use \$5,000 from the ARCO Foundation for operating the Montana Entrepreneurship Center.

Terri Gruba, financial aid officer and scholarship coordinator will administer \$10,654 in Indian fellowships from the U.S. Department of Education.

Richard Hauer, a research associate professor at the Flathead Lake Biological Station, will use \$7,723 from the Blackfeet Nation to determine basic water quality on selected Blackfeet Reservation lakes.

Greg Johnson, the artistic director of the Montana Repertory Theatre and an assistant professor in drama/dance, will use \$6,996 from the Montana Arts Council's Cultural & Aesthetics Fund in partial support of the repertory theatre's 1995 touring season. Johnson will use \$2,000 from the Montana Arts Council to support the 1995-96 Montana Repertory Theatre audience development, presenter-support program--a program to help local presenters increase the size and scope of their audiences.

Pharmaceutical sciences Associate Professor Craig Johnston will use an additional \$89,950 from the National Institute of Mental Health to continue his research to determine the communicating mechanism between the two major divisions of the pituitary gland.

Penny Kukuk, a research associate professor in the Division of Biological Sciences, will use an additional \$4,000 from the National Science Foundation to continue her study of the evolution of social behavior among nonrelative bees.

Johnny Lott, director of the Systemic Initiative for Montana Mathematics Project (SIMMS)

will use an additional \$912,355 National Science Foundation grant passed the Montana Council of Teachers of Mathematics for the SIMMS project.

Using an additional \$5,000 from the U.S. Forest Service Intermountain Research Station, Thomas Martin, assistant unit leader for the Montana Cooperative Wildlife Research Unit, will continue studying the effects of forest size on nesting success of neotropical migrant birds using cottonwood fragments on the south fork of the Snake River. Martin will also continue researching breeding productivity of nongame birds associated with varying habitat conditions using an additional \$5,000 from the U.S. Fish and Wildlife Service.

Forestry Professor Alan McQuillan, director of the Wilderness Institute, will use \$196,256 from the International Ecodevelopment Institute/Kinoshiro Taisetsu Corporation to study economic strategies for environmental and cultural sustainability in Asia and hinterland regions of developed countries. McQuillan will also administer \$7,936 from the Arkwright Endowment to fund the Wilderness Institute for the coming year.

Pharmaceutical sciences Professor Rustem Medora will administer \$157,796 from the U.S. Department of Health and Human Services over the next year to stimulate and support the recruitment and retention of Native American students in the study of Pharmacy.

Using \$73,676 from the U.S. Forest Service, Pacific Northwest Region, forestry assistant professor Claire Montgomery will define and measure biodiversity using a welfare-based index approach.

Robin Putnam, the co-op coordinator for Cooperative Education, will use an additional \$1,064 from the Department of Corrections and Human Services' Alcohol and Drug Abuse Division

to continue funding a drug- and alcohol-abuse intern.

Geoffrey Richards, chemistry professor and director of the Shafizadeh Center for Wood and Carbohydrate Chemistry, will administer an additional \$22,000 graduate student fellowship in global change research from the National Aeronautics and Space Administration to support Lisa McKenzie's graduate studies.

Using an additional \$20,000 from the Montana Department of Health, Jack Stanford, Bierman Professor of Ecology and director of the Flathead Lake Biological Station, will conduct a diagnostic study of the nutrient loading and sediment bioavailability at Swan Lake. Stanford will conduct a volunteer monitoring project with \$800 from the Flathead Basin Commission, and he will present expert witness research and testimony for the Snake River adjudication with \$45,056 from the U.S. Department of Justice Environment and Natural Resources Division.

Susan Selig Wallwork, a research specialist with the Bureau of Business and Economic Research, will use \$5,785 from the Commissioner of Higher Education for a survey of Montana businesses called "School to Work."

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